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one of said plurality of different methods comprises the steps of determining the received values of a plurality of power control commands received at said first station from said second station, providing power control information based the currently received power control command and at least one previously received power control command.

37. A first station which in use transmits signals to a second station, said first station comprising:

means for receiving a power control command transmitted from said second station to said first station, said power control command being transmitted with a given value;

determining means for determining from said received power control command a parameter representative of the quality with which the power control command is received at the first station; and

control means for controlling the power which the first station transmits signals based on the determination carried out by said determining means.

38. A first station which in use transmits signals to a plurality of second stations, said first station comprising:

means for receiving power control commands transmitted from said second stations to said first station, said power control commands being transmitted with given values;

means for determining the received values of said received power control commands;

means for combining the received values of said received power control commands; and

means for controlling the power with which first station transmits to the second station based on said combined value.

39. A first station which in use transmits signals to a second station, said first station comprising:

means for receiving power control commands transmitted from said second station to said first station;

means for determining the values of said received power

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control values:

means for controlling the power with which the first station transmits to the second station based on a currently received power control command and at least one previously received power control command.

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